

City of Markham Ontario Regulation 507/18 Energy Consumption and Greenhouse Gas Emissions Report for 2018

Reporting Year		Jan 2018 - Dec 2018																				
Operation Name	Operation Type	Address	City	Postal Code	Total Floor Area	Unit	Avg kWh/wk	Energy Type and Amount Purchased and Consumed in Natural Units											Total (calculated in webform)			
								Electricity		Natural Gas		District Heating		District Cooling		If Yes, enter Emission Factor	GHG Emissions (kg)	Energy Intensity (ekWh/sgft)				
								Quantity	Unit	Quantity	Unit	Quantity	Unit	Quantity	Unit							
Aainn Community Centre	Community centres	5665 14th Ave	Markham	L3S 3K5	122,000	Square feet	126	2,351,928	KWh	335,043	Cubic Meter										702,935	48.46
Angus Glen Community Centre/Arena	Community centres	3990 Major Mackenzie Dr E	Markham	L6P 1P8	179,007	Square feet	126	5,412,263	KWh	576,931	Cubic Meter										1,250,683	64.49
Angus Glen Tennis Centre	Gyms and indoor courts for playing tennis, basketball or other sports	3970 Major Mackenzie Dr E	Markham	L6P 1P8	35,000	Square feet	126			18,575	Cubic Meter										35,118	5.64
Armadae Community Centre	Community centres	2401 Denison St	Markham	L3S 1G3	23,557	Square feet	126	299,094	KWh	37,813	Cubic Meter										80,329	29.76
Buttonville Women's Institute Community Hall	Community centres	8931 Woodbine Avenue	Unionville	L3R 0J9	5,360	Square feet	126	13,233	KWh	6,845	Cubic Meter										13,331	16.04
Centennial Community Centre	Community centres	8600 McCowan Rd	Markham	L3P 3W2	142,000	Square feet	126	2,683,686	KWh	372,946	Cubic Meter										784,400	46.81
Community & Fire Services Administration Building	Administrative offices and related facilities, including municipal council chambers	8100 WARDEN AVE	Markham	L3R 8H7	59,722	Square feet	65	697,252	KWh	32,393	Cubic Meter	1,253	Giga Joule	44.35	1,184	Giga Joule	2.78				159,093	24.94
Cornell Community Centre	Community centres	3201 Bur Oak Ave	Markham	L6B 0T2	129,000	Square feet	54.5	3,744,586	KWh			14,177	Giga Joule	50.58	9,054	Giga Joule	2.12				973,836	65.46
Crosby Community Centre/Arena	Indoor ice rinks	210 Main St	Unionville	L3R 2G9	34,293	Square feet	126	725,338	KWh	52,668	Cubic Meter										121,009	37.47
Fire Station #91	Fire stations and associated offices and facilities	7801 Bayview Avenue	Thornhill	L3T 7N1	8,348	Square feet	168	111,296	KWh	23,137	Cubic Meter										47,031	42.79
Fire Station #92	Fire stations and associated offices and facilities	10 Riviera Dr	Markham	L3R 5M1	15,408	Square feet	168	206,532	KWh	43,133	Cubic Meter										87,650	43.16
Fire Station #93	Fire stations and associated offices and facilities	2930 MAJOR MACKENZIE DR E	Markham	L6C 0U1	10,834	Square feet	168	149,998	KWh	2,050	Cubic Meter										8,309	15.86
Fire Station #94	Fire stations and associated offices and facilities	7300 Birchmount	Markham	L3R 3T1	7,142	Square feet	168	88,812	KWh	18,570	Cubic Meter										37,734	40.07
Fire Station #95	Fire stations and associated offices and facilities	316 Main Street	Unionville	L3R 2H2	11,846	Square feet	168	152,232	KWh	33,285	Cubic Meter										67,428	42.71
Fire Station #96	Fire stations and associated offices and facilities	5567 14th Avenue, Milliken	Markham	L3S 3K5	8,933	Square feet	168	75,373	KWh	21,144	Cubic Meter										42,202	33.59
Fire Station #97	Fire stations and associated offices and facilities	209 Main Street, Markham	Markham	L3P 1Y4	7,669	Square feet	168	67,212	KWh	18,230	Cubic Meter										36,452	34.03
Fire Station #98	Fire stations and associated offices and facilities	650 Bur Oak Avenue, Markham	Markham	L6E 1E3	9,400	Square feet	168	134,288	KWh	31,233	Cubic Meter										63,019	49.60
Fire Station #99	Fire stations and associated offices and facilities	3255 Bur Oak Avenue, Markham	Markham	L6B 1E3	10,834	Square feet	168	90,565	KWh	611	Cubic Meter	860	Giga Joule	50.58	310	Giga Joule	2.12				55,599	33.42
Fleet Maintenance Works Yard- Main Building	Administrative offices and related facilities, including municipal council chambers	555 Miller Avenue, Markham	Markham	L6G 1B2	33,002	Square feet	65	513,133	KWh												15,162	15.55
John Street Fire Training Centre	Fire stations and associated offices and facilities	438 John Street	Thornhill	L3T 121	5,531	Square feet	168	57,386	KWh	14,148	Cubic Meter										28,444	37.56
Markham Civic Centre	Administrative offices and related facilities, including municipal council chambers	101 Town Centre Blvd	Markham	L3R 9W3	172,515	Square feet	65	2,169,110	KWh	16,206	Cubic Meter	5,213	Giga Joule	44.35	2,700	Giga Joule	2.78				410,570	23.28
Markham Museum	Cultural facilities	9550 HIGHWAY 48	Markham	L3P 3J3	68,009	Square feet	40	722,856	KWh	75,235	Cubic Meter										163,399	22.39
Markham Village BIA	Administrative offices and related facilities, including municipal council chambers	132 ROBINSON ST	Markham	L3P 5W5	630	Square feet	65	4,057	KWh	1,905	Cubic Meter										3,772	38.58
Markham Village Community Centre/Arena	Indoor ice rinks	6041 Highway 7	Markham	L3P 3A7	43,204	Square feet	126	595,487	KWh	38,854	Cubic Meter										91,053	23.34
Markham Village Library	Public libraries	6031 Highway 7	Markham	L3P 3A7	19,561	Square feet	66.5	554,645	KWh	52,254	Cubic Meter										115,181	56.74
Mckay House	Art galleries	197 MAIN ST	Markham	L3R 9W3	3,116	Square feet	38.75	10,746	KWh	4,853	Cubic Meter										9,493	20.00
Milliken Mills Community Centre	Community centres	7600 Kennedy Rd	Markham	L3R 9S5	103,438	Square feet	126	1,669,923	KWh	307,764	Cubic Meter										631,210	47.77
Milliken Mills Soccer Dome & Clubhouse	Gyms and indoor courts for playing tennis, basketball or other sports	7700 Kennedy Rd	Markham	L3R 9S5	33,382	Square feet	30	254,512	KWh												154,072	32.30
Millne Parks Yard Shop	Storage facilities where equipment or vehicles are maintained, repaired or stored	8251 MCCOWAN RDMillne Park	Markham	L3P 3J3	1,291	Square feet	65	640	KWh												19	0.50
Mount Joy Community Centre/Arena	Indoor ice rinks	6140 16th Ave	Markham	L3P 3K8	61,044	Square feet	126	1,192,045	KWh	58,619	Cubic Meter										146,049	29.73
Unionville Library Community Centre	Community centres	221 Main Street	Unionville	L3P 1Y6	11,306	Square feet	126	11,306	KWh	5,893	Cubic Meter										11,475	21.95
Pan Am Centre	Community centres	16 Main Street	Markham	L3R 2E5	142,000	Square feet	54.5	3,456,614	KWh	33,414	Cubic Meter	21,834	Giga Joule	44.35	14,861	Giga Joule	2.78				1,496,990	78.36
Parks Department Maintenance Building	Storage facilities where equipment or vehicles are maintained, repaired or stored	4415 14th Avenue, Milliken	Markham	L3R 0J2	7,259	Square feet	65	71,069	KWh	42,878	Cubic Meter										83,166	72.57
Pirgle House	Community centres	4022 Major Mackenzie Drive	Markham	L6P 1P8	4,400	Square feet	126			2,142	Cubic Meter										4,050	5.17
Princess Street Parks Shop	Storage facilities where equipment or vehicles are maintained, repaired or stored	6 Princess Street, Markham	Markham	L3P 1K3	960	Square feet	65	49,477	KWh												1,462	51.54
R.J. Clatworthy Arena	Indoor ice rinks	2400 John St	Markham	L3T 6G6	33,284	Square feet	126	548,794	KWh	30,379	Cubic Meter										73,651	26.19
Rouge River Community Centre	Community centres	120 Rouge Bank Dr	Markham	L3S 4B7	20,302	Square feet	126	274,228	KWh	44,566	Cubic Meter										92,360	36.84
St. Robert's Soccer Dome	Gyms and indoor courts for playing tennis, basketball or other sports	8101 LESLIE ST	Markham	L3T 7P4	29,351	Square feet	30	607	KWh												18	0.02
Thornhill Community Centre	Community centres	7755 Bayview Ave	Markham	L3T 4P1	168,139	Square feet	126	3,369,277	KWh	399,776	Cubic Meter										855,383	45.31
Thornhill Village Library	Public libraries	10 Colborne St	Thornhill	L3T 1Z6	4,283	Square feet	44	32,983	KWh	3,860	Cubic Meter										8,272	17.28
Unionville Library	Public libraries	15 Library Lane	Markham	L3R 5C4	13,640	Square feet	64.5	280,540	KWh	12,839	Cubic Meter										32,564	30.57
Unionville Train Station Community Centre	Community centres	7 STATION LANE	Markham	L3R 1R4	1,985	Square feet	126	8,042	KWh	8,281	Cubic Meter										15,895	48.39
Varley Art Gallery	Art galleries	216 Main st	Unionville	L3R 2H1	25,000	Square feet	41	433,563	KWh	63,709	Cubic Meter										133,261	44.43
Warden House	Community centres	8840 Warden Avenue	Markham	L3R 0K3	5,296	Square feet	56	30,888	KWh												913	5.83
West Parks Yard Shop	Storage facilities where equipment or vehicles are maintained, repaired or stored	428 John Street	Thornhill	L3T 121	2,719	Square feet	65	60,086	KWh	6,233	Cubic Meter										13,454	43.18
<b>Total</b>					<b>1,827,063</b>			<b>33,365,704</b>		<b>2,926,030</b>		<b>43,337</b>		<b>28,109</b>							<b>9,157,645</b>	